1

ABSTRACT

3   Apparatus and method for extending a standard-based remote file access

4   protocol and maintaining compatibility with the standard protocol stack. Network file

5   system (NFS) remote procedure calls (RPCs) that are submitted by an NFS client

6   application are intercepted in a manner that is transparent to the client operating system.

7   The intercepted NFS-RPCs are sent to a file interface card. The file interface card

8   includes a processor that executes code that implements the standard NFS-RPC

9   protocol, along with extensions to the standard NFS-RPC protocol. Non-NFS RPCs are

10   sent to a conventional network interface card for processing.